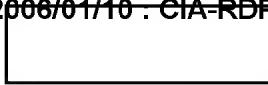


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**MEMORANDUM FOR: Director of Special Activities**

**SUBJECT: Proposed Airborne Direction Finding (DF) Tests**

1. It is requested that OSA provide operational assistance and technical support for calibration tests of an airborne (DF) system. The DF system in question is installed in the USAFE C-97 aircraft being used for Projects [redacted]. These projects are a portion of the OEL Parameter Measurements Program and are directed against "O" and "I" requirements.

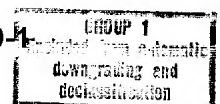
2. To carry out the desired tests, the electronic range instrumentation [redacted] will be required for at least four flights, each of about five hours duration. The assistance needed from OSA will involve flight clearances, security administration, and the operation of various electronics and communications equipment by the contractor [redacted].

3. The planned tests will be similar to several previous flight operations that OEL has sponsored [redacted]. The C-97 aircraft will be operated from March Air Force Base, Riverside, California by a TS cleared USAFE flight crew. In the interests of security, the flights can be made [redacted] during the hours of darkness and special briefings for the crew can be arranged by OSA Security. The operation of the airborne electronic equipment and the reduction and analysis of the test data will be handled by "O" cleared representatives of the [redacted].

NRO review(s) completed.

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4. The technical problems associated with the ground equipment for these tests have been investigated with [ ] the [ ] Monitor. All of the necessary signal sources, radio communication and radar tracking facilities are available at the [ ] facility. It is understood that the proposed schedule between 5 and 15 December does not conflict with other test range programs. The instrumentation expenses and overtime charges by [ ] are estimated to be less than [ ] NRO, Category I, funds are available to cover these contractor costs.

5. With your concurrence, [ ] the OEL Project Officer, will proceed with the necessary planning and coordination of these tests with the appropriate elements of your office.

Director of ELINT  
DD/S&T

CONCURRENCE:

Director of Special Activities

6 DEC 1966

Date

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